

FIG. 1

FIG. 2 is a diagram illustrating a hierarchical structure of a system. The diagram is organized into a 4x2 grid of boxes, each containing a different type of node or component. The components are: services, virtual service centers, distributed applications, data centers, application tasks, clusters, application processes, and servers. The diagram shows how these components are interconnected in a hierarchical manner, with some components having multiple sub-components. The components are labeled with numbers in circles, indicating their specific roles or identifiers within the system.

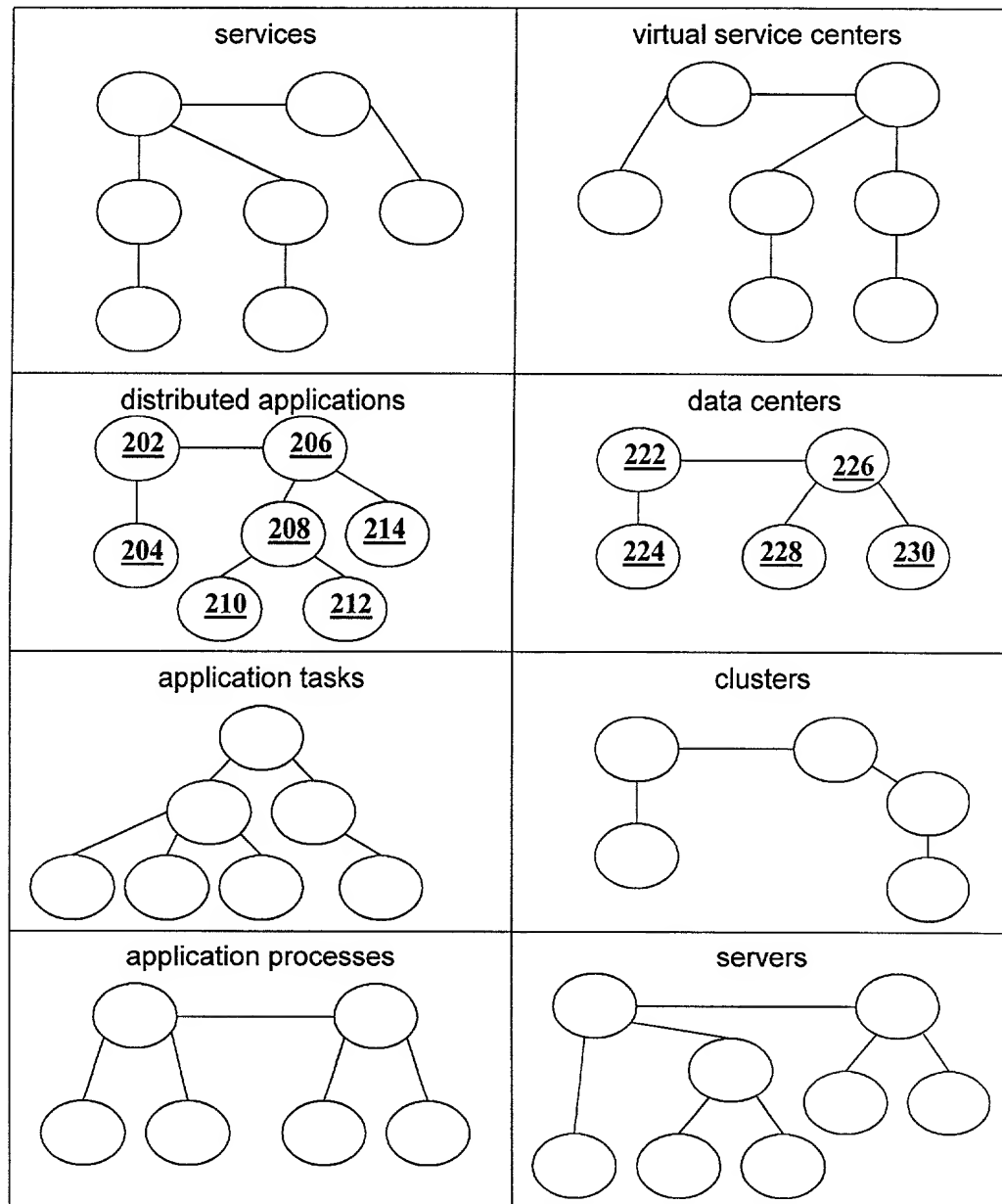


FIG. 2

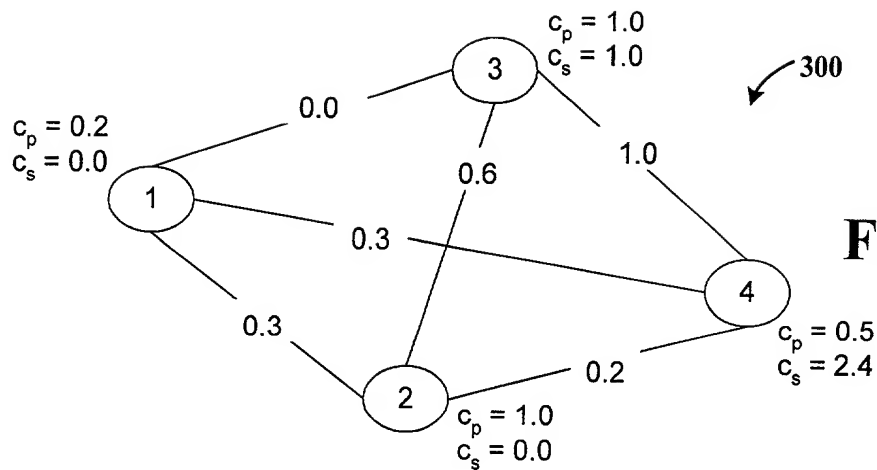


FIG. 3A

nodes				1	2	3	4
1	$C_p =$	$C_s =$	$C_t =$	-	-	-	-
2				0.3	-	-	-
3				0.0	0.6	-	-
4				0.3	0.2	1.0	-

FIG. 3B

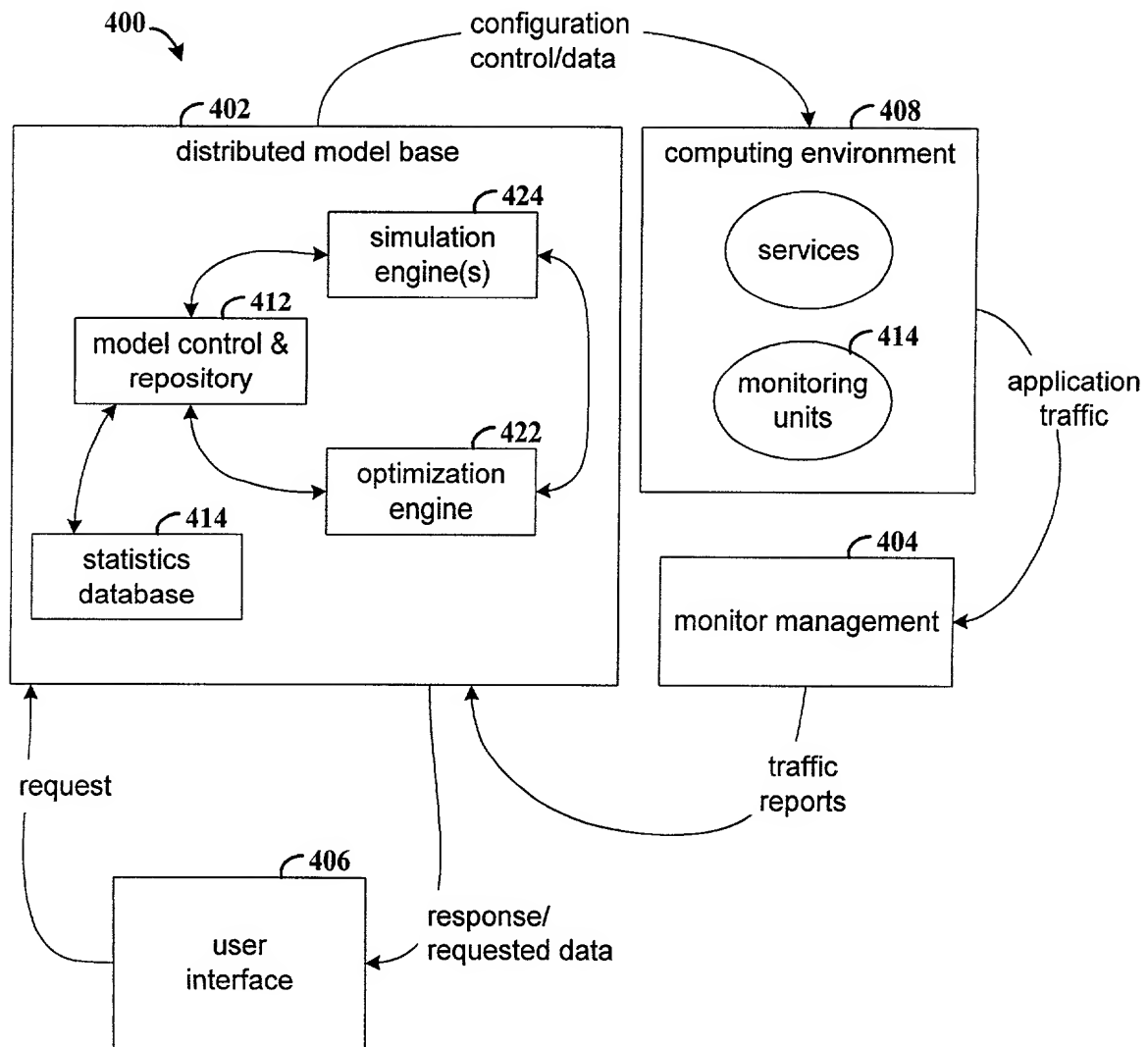


FIG. 4

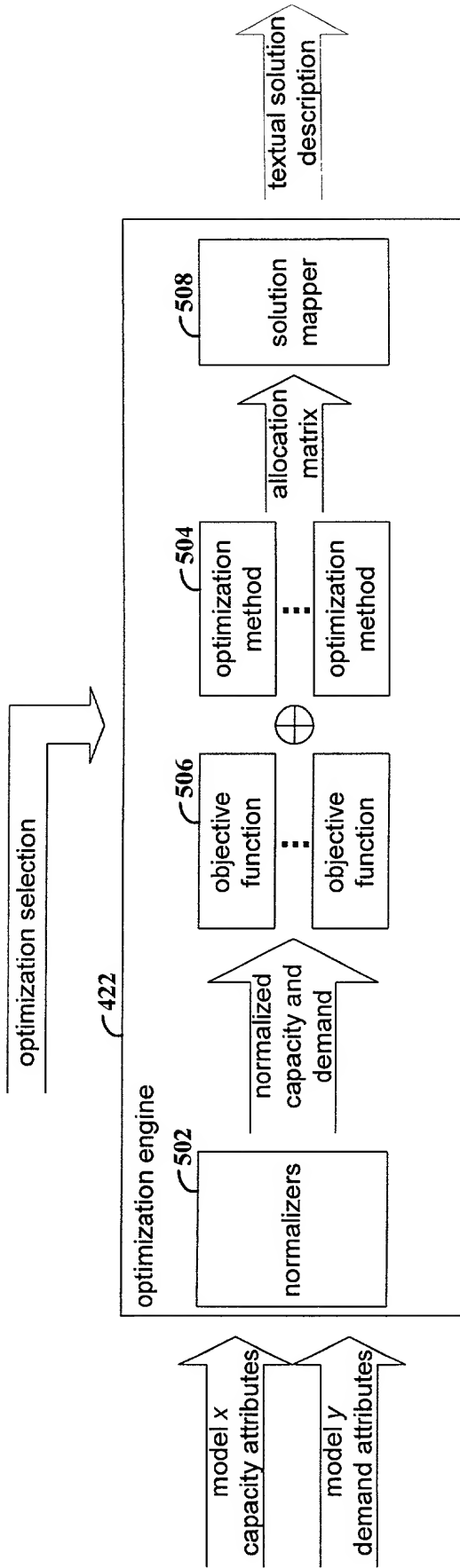


FIG. 5